GRANDSTREAM NETWORKS

Innovative IP Voice and Video

San Jose, California
840 Jury Ct.
San Jose, Ca 95112
PH:(888)604-5234
LC:(408)294-8415
FX:(408)294-8414

Grandstream Presents: The GXV Series

SIP / VOIP TECHNOLOGY

All of Grandstream's IP surveillance products offer industry-leading SIP / VoIP technology that allows two-way communication with cameras and encoders. You can register a Grandstream IP surveillance product as a SIP extension and "call" the unit using an IP video or multimedia phone.

But SIP / VoIP technology isn't just an easy way to establish two-way audio and video between Grandstream's cameras and multimedia SIP phones. The real value of SIP / VoIP technology is that it essentially eliminates the learning curve for providers, resellers, and integrators. If you already know how to provision and install SIP telephony products, you'll know how to integrate our GXV Series surveillance products. You can also achieve easy video recording through Asterisk®.

You can look for this functionality in Axis, Cisco, Panasonic, and Sony products, but you won't find it.

SUPERIOR QUALITY

Grandstream uses premium image sensors and processors to produce max video resolution that exceeds industry standards.

We ship each product with everything you'll actually need to use it. If you buy a GXV3601 series box camera, it comes with a lens. GXV3615 units come with mounts. Our vandal-resistant HD dome camera is IP66 weather-proof and you won't have to purchase heaters as optional add-ons.

EXCEPTIONAL VALUE

Analog cameras can't compete with our GXV Series IP surveillance products. Our cameras offer better picture and audio, more advanced features, and greater flexibility – all at a lower price. We encourage you to test our products against other leading IP cameras because we know you won't find a better solution or a better value.

Industry leading technology. Superior quality. Affordable pricing. That's the way Grandstream does surveillance.

	Camera Type	Resolution	Microphone	Speaker	Alarm In / Out	IP66 Weatherproof	Available Mounts
GXV3601	Standard Definition IP Box Camera	720 x 576 (PAL) 720 x 480 (NTSC)	Line-In	Line-Out	In: Vin<45V Out: 125VAC / 0.5A 30VDC / 2A	No	3rd Party Units Available
GXV3601HD	High Definition IP Box Camera	1600 x 1200 720p	Line-In	Line-Out	In: Vin<45V Out: 125VAC / 0.5A 30VDC / 2A	No	3rd Party Units Available
GXV3601LL	Low Light Standard Definition IP Box Camera	720 x 576 (PAL) 720 x 480 (NTSC)	Line-In	Line-Out	In: Vin<45V Out: 125VAC / 0.5A 30VDC / 2A	No	3rd Party Units Available
GXV3611 HD	High Definition IP Mini Dome Camera	1600 x 1200 720p	Built-In Microphone	Built-In Speaker	In: Vin<45V Out: 125VAC / 0.5A 30VDC / 2A	No	N/A
GXV3611 LL	Low Light Standard Definition Mini Dome Camera	720 x 576 (PAL) 720 x 480 (NTSC)	Built-In Microphone	Built-In Speaker	In: Vin<45V Out: 125VAC / 0.5A 30VDC / 2A	No	N/A
GXV3615	Standard Definition IP Cube Camera	720 x 576 (PAL) 720 x 480 (NTSC)	Built-In Microphone	Built-In Speaker	N/A	No	Included Mount
GXV3615W	Standard Definition IP Cube Camera with WiFi	720 x 576 (PAL) 720 x 480 (NTSC)	Built-In Microphone	Built-In Speaker	N/A	No	Included Mount
GXV3651FHD	Full High Definition 5MP IP Box Camera	2592 x 1944 1080p	Built-In Microphone Line-In	Line-Out	In: Vin<45V Out: 125VAC / 0.5A 30VDC / 2A	No	3rd Party Units Available
GXV3662	Vandal Resistant Wide Dynamic Range HD / LL Dome Camera	1600 x 1200 720p	Line-In	Line-Out	In: Vin<45V Out: 125VAC / 0.5A 30VDC / 2A	Yes	Flush Mount Wall Mount Pendant / Poll Mount

Standard Features for all GXV Series IP Surveillance

- HTTPS
- Alarm Buffer
- Video Watermark
- Multi-Steaming Rate
- SIP / VoIP Technology
- Two-Way Audio Paging
- Event Trigger Snapshots
- G.711 and G.726 Audio Codecs

- Every GXV Camera Ships With A Basic / Standard Lens Included
- Free GSurf Video Management Software
- Free Firmware Upgrades
- Free Provisioning Tools

View live demos at
www.grandstream.com

IP VIDEO ENCODERS

IP video encoders are like analog telephone adapters for standard analog video surveillance cameras, converting the analog signal and preparing it for IP transmission. If you have invested in analog cameras and don't want to replace them, IP video encoders are a cost-effective option that allows you take advantage of IP without sacrificing any of the functionality your analog cameras already provide.

Grandstream offers two models of IP video encoder. The GXV3501 is a single channel encoder supporting full D1 resolution.

The GXV3504 is a four channel encoder that supports either four ports CIF resolution at full rate, or two ports D1 resolution and 2 ports CIF.

Both models offer full PTZ control (subject to the capabilities of your analog camera), integrated Power over Ethernet, video watermarks, and a 24MB alarm buffer with event trigger for email / FTP notification.

ENCODER / DECODER / PA

The GXV3500 is an advanced first-of-its-kind IP video encoder + decoder + public announcement system 3-in-1 combo product for professional surveillance and security monitoring applications. video encoders are like analog telephone adapters for standard analog video surveillance cameras, converting the analog signal and preparing it for IP transmission. If you have invested in analog cameras and don't want to replace them, IP video encoders are a cost-effective option that allows you take advantage of IP without sacrificing any of the functionality your analog cameras already provide.

The GXV3500 features H.264 real-time video compression for analog video as well as IP video decoding with excellent image clarity. It offers industry leading SIP/VoIP for 2-way audio, video streaming to mobile phones and video phones, integrated PoE, a large pre-/post-event recording buffer, and advanced security protection.

Its integration of comprehensive peripherals including microphone input, alarm control and TV/audio output allows the device to also function as a powerful and flexible voice/video public announcement system using microphones, IP phones, or IP video phones.

GXV3500 SCENARIO

Grandstream
Innovative IP Voice & Video

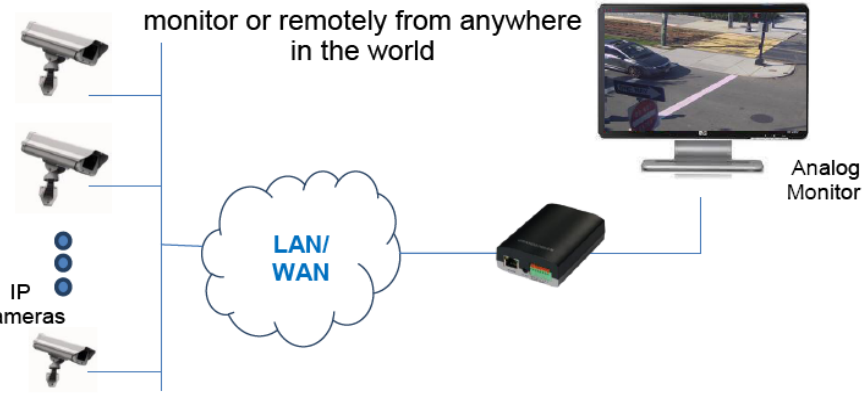
GXV3500
3-in-1
IP Video Decoder +
Encoder +
Public Address System (PAS)
combo device

GXV3500

- Advanced multi-streaming-rate real-time H.264, Motion JPEG at D1 resolution
- Built-in high-performance serve to allow 10+ simultaneous viewers
- SIP/VoIP support for two-way audio and video streaming to mobile/video phones
- Integrated Power-over-Ethernet

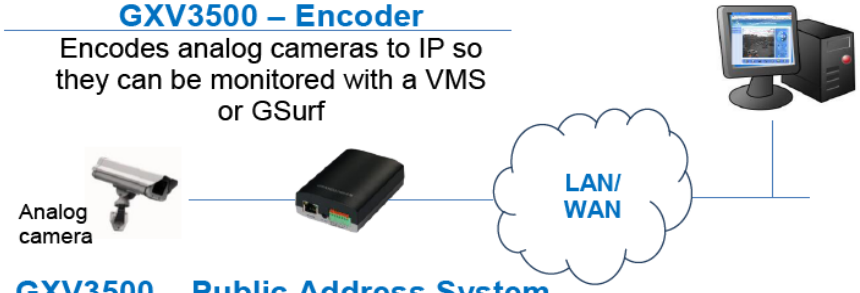
GXV3500 – Decoder

View 1 to 8 cameras on a video monitor or remotely from anywhere in the world



GXV3500 – Encoder

Encodes analog cameras to IP so they can be monitored with a VMS or GSurf



GXV3500 – Public Address System

Make voice and video announcements from a microphone or remote SIP phone, and stream IP video content

IP CUBE CAMERAS

An exceptional value, cube cameras are perfect for small office or home security applications. They don't offer the widest viewing range, but for coverage of a particular door or small-to-medium sized room the cube camera will certainly do the trick.

Grandstream's GXV3615 standard definition cube camera has a low-light CMOS sensor, so it's ready for both normal and low-light conditions. It's also got an integrated microphone and speaker for two way audio paging and SIP / VoIP communication. This is one of the most flexible, easiest to deploy IP cameras on the market today.

The GXV3615 offers Power over Ethernet, but Grandstream also makes a non-PoE model called the GXV3615_W with built-in WiFi support.

IP BOX CAMERAS

Box cameras are very popular because they're so versatile. Whether you need detail at a distance or clarity up close, you can change the lens on a box camera and adjust the filed of view quite easily. Box cameras are perfect for focusing in on a fixed point like an entrance or an exit and they're quite conspicuous, making them a great crime deterrent.

Grandstream offers three models of IP Box Camera. The GXV3601 is a standard definition camera that's simple to install and easy to use. It's a great fit for most home and SMB security projects.

Where you might require a bit more detail, ie. high traffic public-facing environments, Grandstream offers a 720p High Definition version called the GXV3601_HD.

Grandstream has also developed the GXV3601_LL, a Low Light model for 24 / 7 monitoring of dimly lit areas like parking lots.

PREMIUM FULL HD IP BOX CAMERA

The GXV3651_FHD is a next generation High Definition IP camera built on power and innovation. It features cutting edge H.264 real-time video compression at 1080p resolution with excellent image clarity at low-to-modest bandwidth, a 5MP-capable CMOS sensor, Motion JPEG, industry leading SIP/VoIP for full duplex 2-way audio and video streaming to mobile phones and video phones, integrated PoE, embedded analytics, large pre-/post-event recording buffer, and advanced security protection.

IP MINI DOME CAMERAS

Dome cameras are easy to mount, largely unobtrusive, and they can be hidden a bit better than box cameras. Because of the dark dome, you can't tell from the outside exactly where the fixed lens is pointing.

Grandstream offers two models of IP Mini Dome Cameras. The GXV3611_HD is a 720p High Definition camera. It mounts beautifully to the ceiling and has a sleek low-profile design, perfect for professional environments. A built-in high performance streaming server allows 6+ simultaneous HD viewers.

For low light environments, Grandstream also offers the GXV3611_LL. A built-in high performance streaming server allows up to 16 simultaneous D1 viewers or 25 CIF viewers.

Both cameras in the GXV3611 series also feature Power over Ethernet and an integrated microphone and speaker.

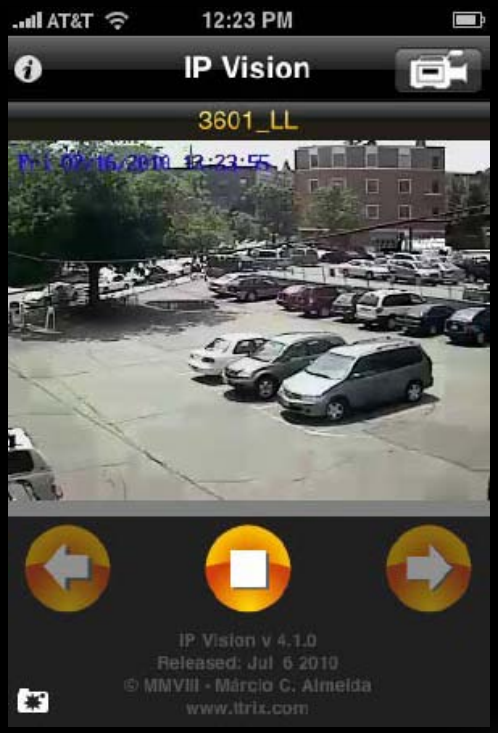
PREMIUM IP DOME CAMERA

The GXV3662 is a premium quality wide dynamic range IP dome camera. It's built for both indoor and, with the proper accessories, outdoor use. It's IP66 weather-proof, vandal resistant, and features both high definition and low-light capabilities. This is the true professional's IP security camera, made to handle the heavy lifting.

Grandstream's GXV3662 is built with a professional grade heating and cooling system allowing it to operate at temperatures from -30 °C to 60°C (-22°F to 140°F). This unit fits three different mounts, sold separately, including a flush ceiling mount, standard wall mount, and pendant mount. You will not find a more versatile HD dome camera, and it's all but impossible to find a comparison at or near this price point. The GXV3662 offers unmatched value.

GRANDSTREAM FOR IPHONE™

Wouldn't it be really cool if there was an easy-to-use IPhone™ app that lets you remotely monitor Grandstream IP cameras?



Introducing IP Vision™, a third party app that supports Grandstream IP cameras. The picture quality is excellent, and it's really quite easy to configure the app to follow multiple Grandstream cameras. You will find a thorough guide available at www.grandstream.com.

This is an absolute no-brainer for iPhone™ owners.

GRANDSTREAM FOR ANDROID™

Not to be outdone, several third party application developers including Tiny Cam Monitor have developed stunning mobile surveillance apps for Android ™.

Easy to use and completely interoperable with Grandstream's GXV Series Surveillance Products, the Tiny Cam Monitor app lets you take your full Grandstream surveillance suite with you on the go.

HOME AUTOMATION

Home Automation (HA) can mean many different things to many different people, but the leading HA applications usually include a video surveillance and monitoring component. Grandstream's award-winning IP Cameras and IP multimedia phones are a perfect fit for HA projects.

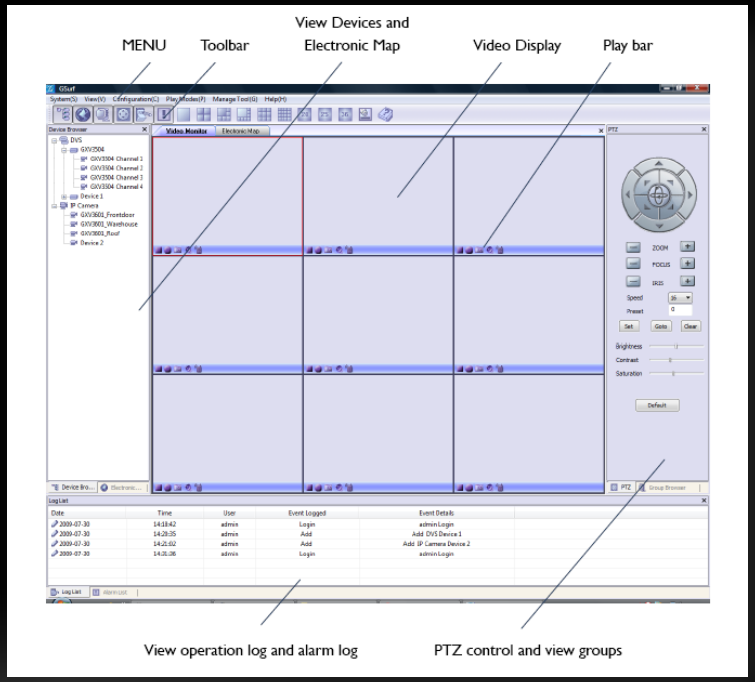
Control4 is a leading provider of operating systems for the smart home, delivering intelligent control over consumer electronics products, appliances and networking systems through an easy-to-use and intuitive software interface. Grandstream is proud to have established interoperability with Control 4 Home Automation. Drivers are available through Extra Vegetables.

All the above are registered trademarks of their respective entities. All rights reserved.

GSURF

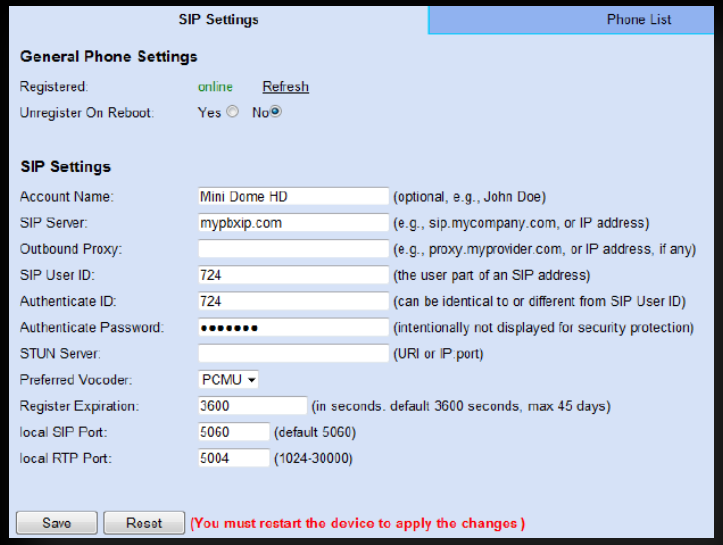
Grandstream's **GSurf** is a monitoring and recording system for up to 36 cameras. GSurf supports remote viewing, control and recording from anywhere on the Internet or local access network. GSurf is powerful, easy to configure, and supports advanced video management features including alarm triggers, groups, patrol play, electronic mapping, and automatic recording.

GSurf is available 100% **free** of charge at www.grandstream.com where you can also download the complete program user manual.



ASTERISK®

Grandstream's video surveillance cameras and encoders feature an option to operate as a SIP end point. This option allows installers to integrate the cameras and encoders with the popular open source Asterisk® softswitch. Users can dial in from their video phones to their cameras to monitor activity. The cameras and encoders are able
to send video in H.264 format.



Grandstream has created an easy to follow configuration guide at www.grandstream.com.

VMS PARTNERS

Grandstream is committed to ensuring that integrating our GXV3xxx video surveillance portfolio is seamless. We conduct thorough testing with 3rd party video monitoring systems to make it easier for end users, integrators, consultants and manufacturers to take advantage of the possibilities offered by network video, resulting in more cost-effective and flexible solutions, expanded market opportunities and reduced risk.

Current Partners:

Milestone
Digifort
Codestuff
Logiware
Genetec
Netcamara
NUUO
Blue Cherry
Seventh
Video Insight
Zone Minder
…and more

All the above are registered trademarks of their respective entities. All rights reserved.

ONVIF

ONVIF is an open industry forum for the development of a global standard for the interface of IP-based physical security products. ONVIF is committed to the adoption of IP-based physical security in the security market. The ONVIF specification will ensure interoperability between IP-based physical security products regardless of manufacturer.

ONVIF partners include:

Acti
Axis
Bosch
Canon
Cisco
D-Link
LG
Panasonic
Pelco
Samsung
Siemens
Sony

All the above are registered trademarks of their respective entities. All rights reserved.

VIDEO MONITORING STATION

You already know Grandstream's award-winning GXV3140 IP Multimedia Phone as a leading SIP desk phone, a Skype-enabled video phone, a cost-effective SMB video conferencing solution, and a do-it-all consumer product. You should also think of it as a dynamic IP video monitoring station.

Grandstream's IP surveillance solutions offer industry-leading SIP / VoIP technology, and they were designed to work in tandem with our video phone products like the GXV3140. You can call any Grandstream IP camera, access the feed, and communicate with the camera right from your GXV3140.

Perfect for front desk, hospitality, and building access solutions, a video monitoring station like the GXV3140 makes it significantly easier for users at all skill levels to get the most out of IP surveillance cameras.

GXV3140 IP MULTIMEDIA PHONE

The GXV3140 combines best-in-class technology to enable free video and voice calling worldwide with just one simple step: plug-in. The GXV3140 allows you to keep in touch with friends and family around the world as well as information that impacts your daily life without interruption, any time of day.

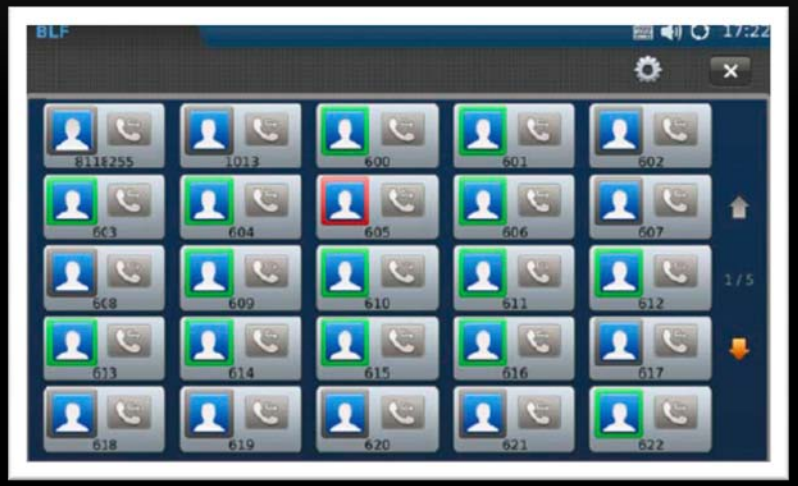
- Make **free voice and video calls** upon installation.
- Access real time information through an integrated web browser, RSS feeds of weather/news/stocks and internet radio.
- Access to Yahoo Flickr web photo album, alarm clock, calendar, games, music ring tones.
- A full-duplex speakerphone and popular voice codec support ensure best-in-class telephony features.

GXV3175 IP MULTIMEDIA PHONE

The GXV3175 represents the future in personal IP multimedia communication. Stunning video quality, intriguing user interface with delightful details, rich Web applications embodied in a sleek tablet-like design, distinguished this product as the ultimate desktop multimedia phone.

- 7 Inch Touch Screen
- Dual network ports with integrated PoE, integrated WiFi, comprehensive auxiliary ports, and support for advanced video compression standard H.264/H.263/H.263+.
- Personalized rich media presentation and delivery, popular Web and social networking applications, and advanced business productivity tools.

GXV3175 IP MULTIMEDIA PHONE



Visual Busy Lamp Field (BLF)

Visual BLF Home Screen Widget

The GXV3175 offers more than video calling, more than a brilliant touch screen, and more than a next-generation multimedia experience. It's also the world's best executive desk phone with new premium business productivity apps like visual BLF.

QUESTIONS AND ANSWERS

- Q: Does GSurf only work with Grandstream cameras?
- A: Yes, GSURF is Grandstream's free VMS software for use only with Grandstream cameras and ecoders.
- Q: What are the rough prices per encoder channel?
- A: Please contact one of our distribution partners to get MSRP and reseller pricing.
- Q: In GSURF it always asks for administrator password?
- A: Admin user does require a password but you can setup access without a password. Please refer to user manual link below.
  http://www.grandstream.com/products/surveillance/general/documents/gsurf_usermanual_english.pdf
- Q: What if want to view more than 36 cameras?
- A: I would recommend using multiple versions of Gsurff running on multiple machines. You can also take a look at our certified partners list and use one of those scalable NVR applications.
- Q: If GSurf can record on triggers, why or when would I use GSNVR? When do we use GSurf and when is GSNVR used?
- A: GSurf is the monitoring tool and GSNVR is the recorder. You would need to use both of them together to record and monitor.
- Q: Has it been installed with Allworx?
- A: To my knowledge Allworx does not currently support video. We have however deployed Grandstream IP Phone with an Allworx PBX.

888VoIP
Distributing Success

voip SUPPLY
everything you need for voip™

abp TECH

NETXUSA
VoIP Made Simple

TeleDynamics

TELEPHONY DEPOT

WWW.GRANDSTREAM.COM

VITAL COMMUNICATIONS INC
"Not Just Products, Solutions"

CONTACT US

JOAO SANTOS – JSANTOS@GRANDSTREAM.COM

MICHAEL RYBACKI – MRYBACKI@GRANDSTREAM.COM

SYNNEX CANADA

GENTEK

OvisLink
The Total Networking Solution

fontel inc.

ip phone warehouse.com